

9th Class 2019

BIOLOGY 9TH

Biology

Group-I

Time: 15 Minutes

(Objective Type)

Paper-I

Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- Five Kingdom classification system was introduced by:

- (a) Schwartz (b) Margulis = 3
(c) Aristotle (d) Robert Whittaker ✓

2- In children, deficiency of vitamin D causes:

- (a) Osteomalacia (b) Scurvy = 8
(c) Night blindness (d) Rickets ✓

3- During this phase, chromosomes are arranged at equator of cell:

- (a) Prophase (b) Metaphase ✓ = 5
(c) Telophase (d) Anaphase

4- The Italian word "mala" means:

- (a) Bad ✓ (b) Good = 2
(c) Air (d) Water

5- Lipase enzyme acts on molecule:

- (a) Lipids ✓ (b) Starch = 6
(c) Cellulose (d) Proteins

6- An artery that supplies blood to liver:

- (a) Renal artery (b) Femoral artery = 9
(c) Hepatic artery ✓ (d) Coronary artery

7- The largest taxon in biological classification is:

- (a) Phylum (b) Class = 3
(c) Kingdom ✓ (d) Genus

- 8- Pores through which cytoplasm of adjacent cells connected:
(a) Stomata (b) Plasmodesmata ✓ = 4
(c) Lenticels (d) Cuticle
- 9- Microtubules are made of: = 4
(a) Tubulin protein ✓ (b) RNA
(c) DNA (d) Actin protein
- 10- In most plants, food is transported in the form of:
(a) Glucose (b) Sucrose ✓ = 8
(c) Starch (d) Lactose
- 11- An example of multi-cellular organism is: = 1
(a) Bacteria (b) Frog ✓
(c) Amoeba (d) Euglena
- 12- Main photosynthetic pigment is: = 7
(a) Chlorophyll 'b' (b) Chlorophyll 'a' ✓
(c) Carotenoids (d) Xanthophylls